

Amendments to the Specification:

Page 17, amend the fourth full paragraph as follows:

In accordance with a system of the present invention, each sensor is connected to transmit sensor data to the processing unit 14 which is located in a central position (possibly by the front door). The processing unit includes a comparator 14a that makes comparison between sensor data and various input data that describes the likely or expected states of flow, perhaps with reference to time of day, or whether the occupants are on holiday, at work or at home. Outputs from the sensors may be communicated to the processing unit in several ways, for example:-

using a radio technique such as 'Bluetooth';

using a mains wiring system;

using an ultrasonic technique along the pipes;

making use of some already-installed system, such as a security system;

using an in-air ultrasonic communications; or

using an inductive loop system.